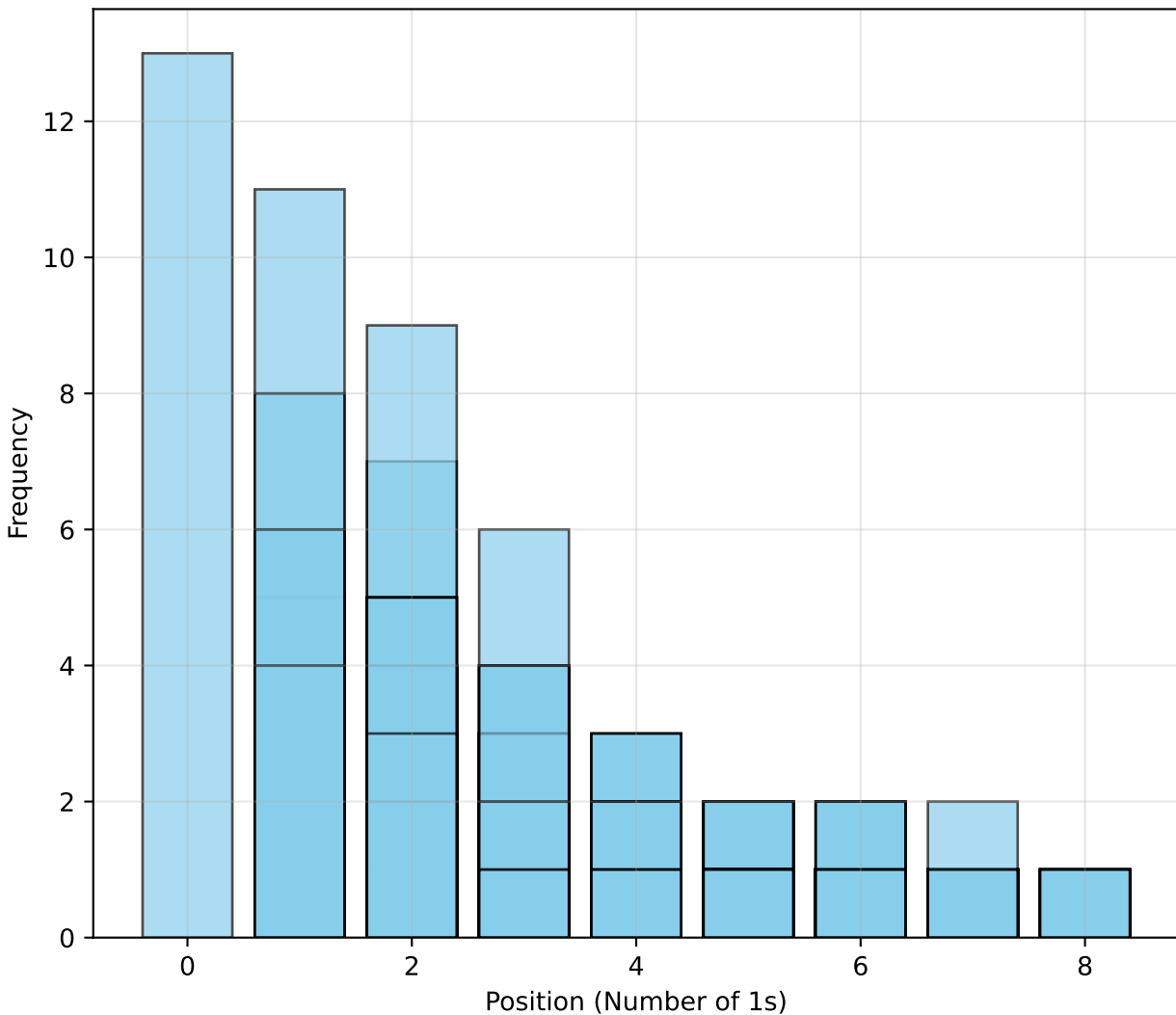
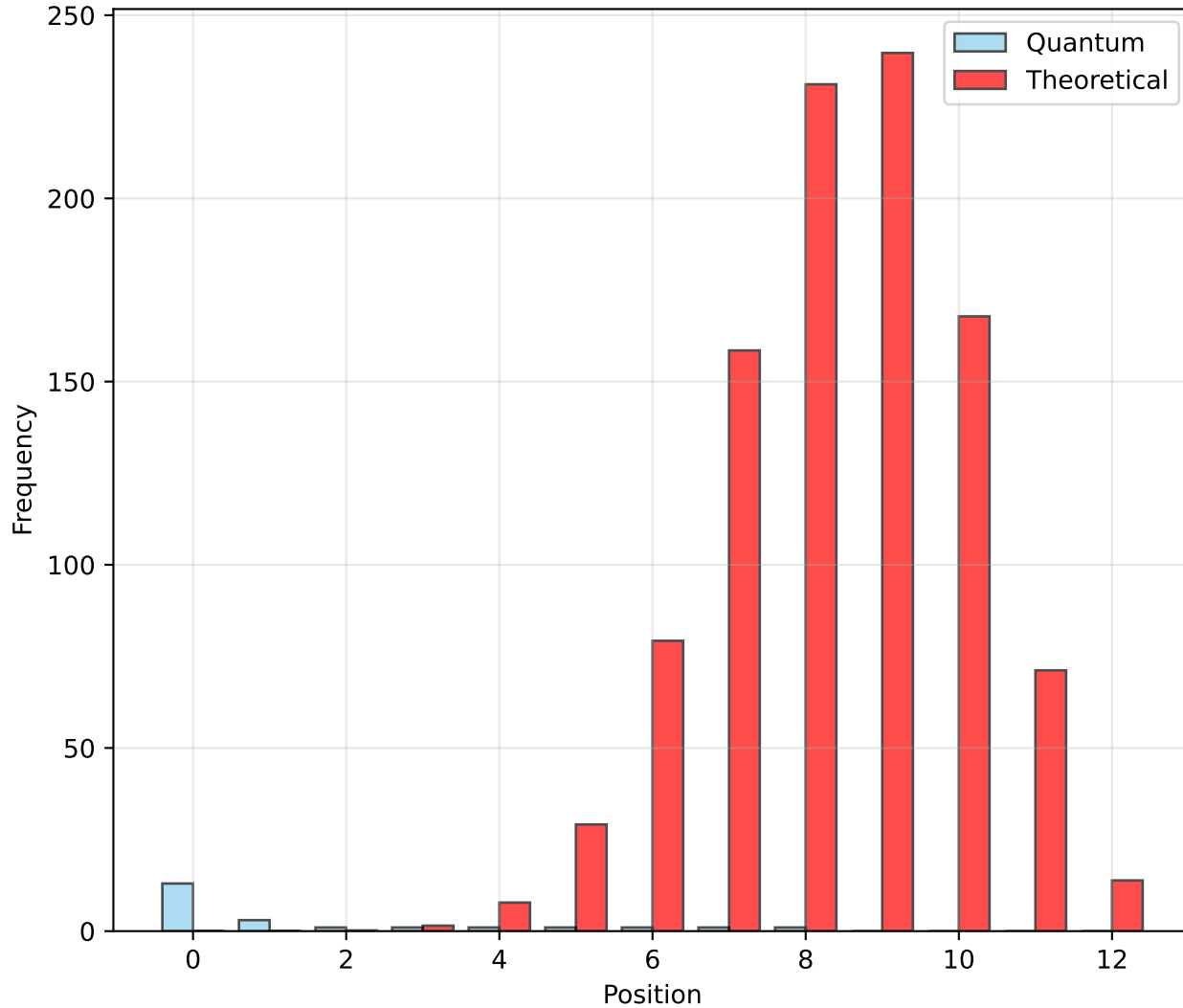


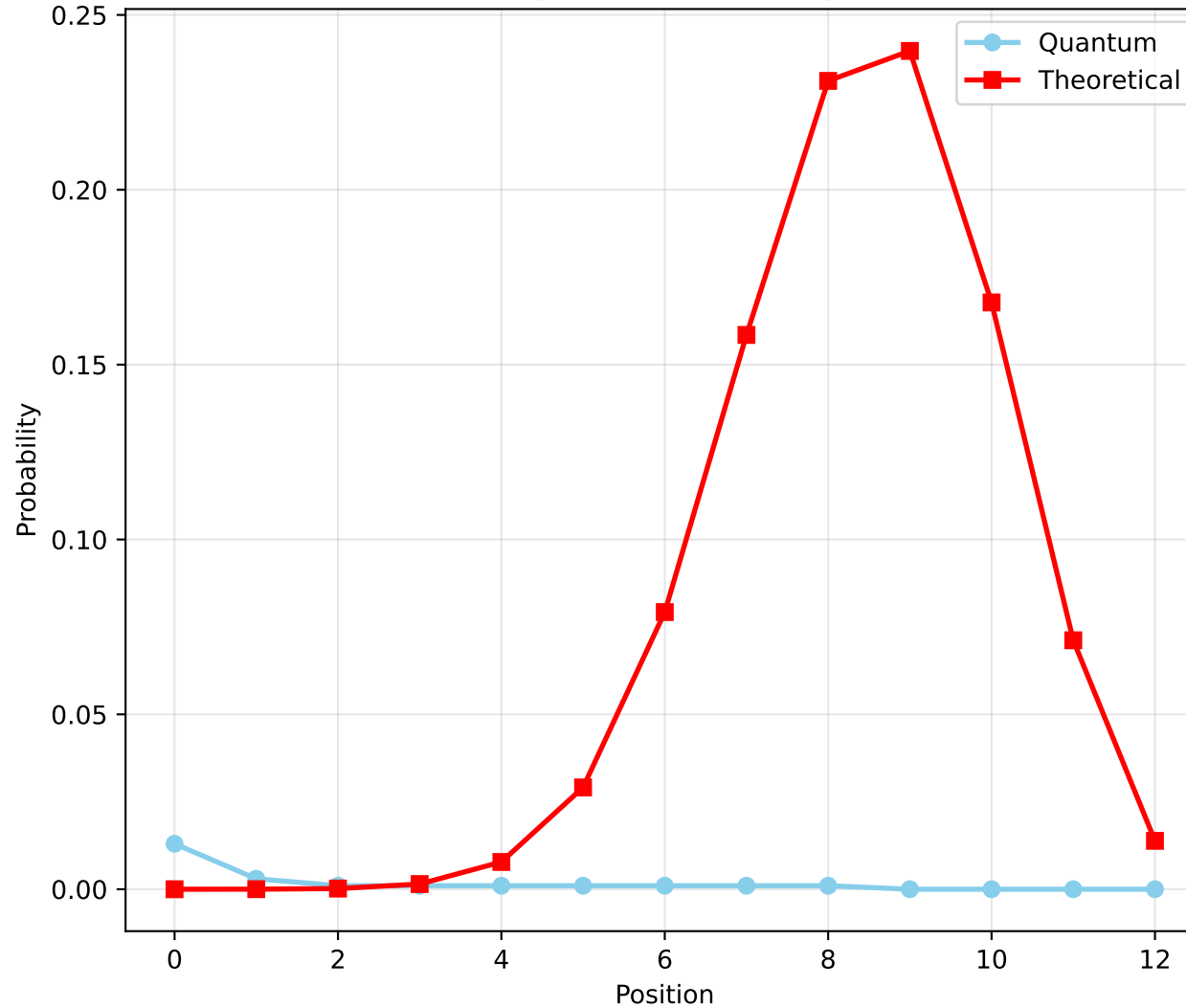
Quantum Simulation Results
(Shots: 1000)



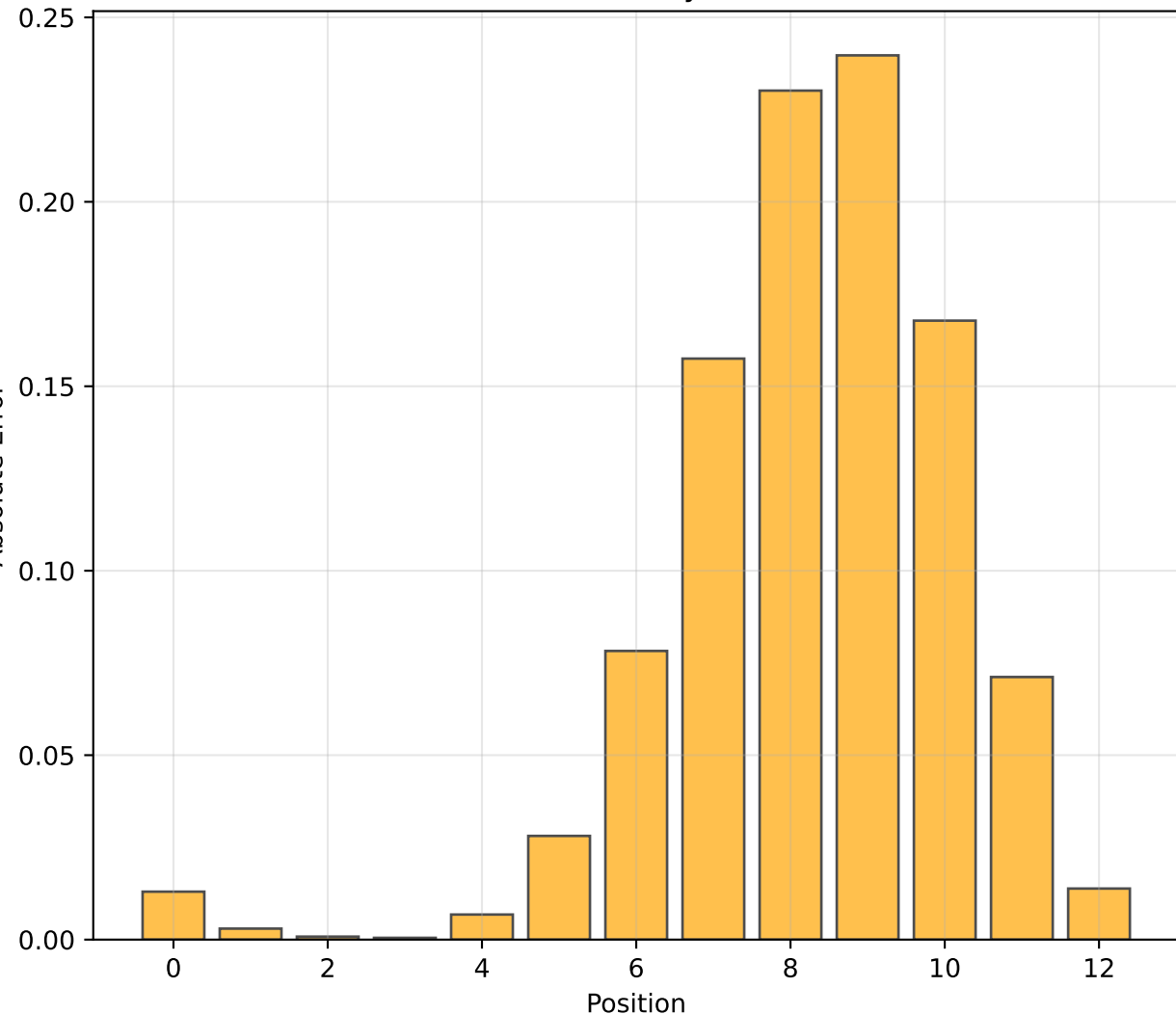
Quantum vs Theoretical Distribution



Probability Distribution Comparison



Error Analysis



Statistics Summary:

Total Shots: 1000
Mean Position: 3.640
Theoretical Mean: 8.400
Variance: 2.652
Standard Deviation: 1.629
Theoretical Std Dev: 1.587

Bias Parameter: 0.7
Number of Levels: 12

Quantum Circuit Info:

Number of Qubits: 12
Circuit Depth: 12
Bias Parameter: 0.7

Circuit Operations:
- RY gates for bias
- CX gates for entanglement
- RZ gates for phase
- Measurement